

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Page 1 of 1

Application Number	09/939008
Filing Date	August 24, 2001
First Named Inventor	Bright, Clark I.
Art Unit	1773
Examiner Name	---
Attorney Case Number	56760US008

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US-			
	A2	US-			
	A3	US-			
	A4	US-			
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	A8	US-			
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	A10	US-			
	A11	US-			

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Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
y	B1	JP	64-18441	01-23-1989			X (English Abstract)
	B2						
	B3						
	B4						
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	
	C2	
	C3	

*Examiner: *mjakobsen*

Date Considered: 10/27/03

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OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)		
		International Search Report for Application No. PCT/US99/29853, Publication No. WO 00/36665 <i>duplicate</i>
<i>W</i>		International Search Report for Application No. PCT/US99/25843, 28/02/2000.
<i>W</i>		Affinito et al., "A New Method for Fabricating Transparent Barrier Layers," (Thin Solid Films), Vol. 290/291, December 15, 1996, pp. 63-67, XP000693807.
<i>W</i>		Bright, "Sunday C-304 Society of Vacuum Coaters Short Course on Deposition and Properties of ITO and Other Transparent Conductive Coatings," 1998, pp. 1-86.
<i>W</i>		Bright, "Society of Vacuum Coaters Short Course on Deposition and Properties of ITO and Other Transparent Conductive Coatings (Supplementary Notes)," 1998, pp. 1-36.
<i>W</i>		Shaw et al., "A New Vapor Deposition Process for Coating Paper and Polymer Webs," 10/1992, pp. 18-24.
<i>W</i>		Shaw et al., "A New High Speed Process for Vapor Depositing Acrylate Thin Films: An Update," Society of Vacuum Coaters 36 th Annual Technical Conference (1993), pp. 348-352.
<i>W</i>		Shaw et al., "Use of Vapor Deposited Acrylate Coatings to Improve the Barrier Properties of Metallized Film," Society of Vacuum Coaters 37 th Annual Technical Conference (1994), pp. 240-247.
<i>W</i>		Affinito et al., "Polymer-Oxide Transparent Barrier Layers," 1996 Society of Vacuum Coaters 39 th Annual Technical Conference (1996), pp. 392-397.
<i>W</i>		Chatham, <u>Surface & Coatings Technology</u> 78, "Review Oxygen Diffusion Barrier Properties of Transparent Oxide Coatings on Polymeric Substrates," (1996), pp. 1-9.
<i>W</i>		Gilbert et al., "Comparison of ITO Sputtering Process from Ceramic and Alloy Targets onto Room Temperature PET Substrates," Society of Vacuum Coaters, 36 th Annual Technical Conference (1993), pp. 236-241.
<i>W</i>		Macleod, <u>Thin-Film Optical Filters</u> , Macmillan Publishing Co., Second Edition, "Antireflection Coatings," (1986), pp. 71-77.
<i>W</i>		Shaw et al., "Use of Evaporated Acrylate Coatings to Smooth the Surface of Polyester and Polypropylene Film Substrates," Rad Tech (1996), (12 pages).
<i>W</i>		A.S. da Silva Sobrinho et al., "Transparent Barrier Coatings on Polyethylene Terephthalate by Single-and Dual-Frequency Plasma-Enhanced Chemical Vapor Deposition," J. Vac. Sci. Technol. A 16(6), Nov./Dec. 1998, pp. 3190-3198.
<i>W</i>		Wahab Baouchi et al., "Comparison of Non-Reactive and Reactive ITO Sputtering in a High Volume Production Environment," SID 1995 Conference, pp. 89-90.
<i>W</i>		McGraw-Hill Multimedia Encyclopedia of Science & Technology, "Liquid Crystals," (1998), pp. 1-5.
<i>W</i>		McGraw-Hill Multimedia Encyclopedia of Science & Technology, "Electronic Display," (1998), pp. 1-8.
<i>W</i>		McGraw-Hill Multimedia Encyclopedia of Science & Technology, "Electroluminescence," (1998), pp. 1-3.
<i>W</i>		McGraw-Hill Multimedia Encyclopedia of Science & Technology, "Sputtering," (1998), pp. 1-3.
<i>W</i>		McGraw-Hill Multimedia Encyclopedia of Science & Technology, "Printed Circuit," (1998), pp. 1-13.

ms		McGraw-Hill Multimedia Encyclopedia of Science & Technology, "Light-Emitting Diode," (1998), pp. 1-3.
ny		O'Mara, <u>Liquid Crystal Flat Panel Displays</u> , Manufacturing Science & Technology, 1993), Van Nostrand Reinhold Publishing, New York, pp. 21-35, 66-70, 73, 93, 96, 116-117, 123-125, 144-145, 149-150, and 165-175.
ny		Vossen et al., <u>Thin Film Processes II</u> , (1991), Academic Press, Inc., San Diego, Calif., Chapter II-2, pp. 79-132; Chapter II-4, pp. 177-208; Chapter II-5, pp. 209-280; Chapter IV-1, pp. 525-564.
ny		Barnes et al., "Advanced Materials for Electronic Applications by Polymerization of Cyclic Olefins Using Late Transition Metal Catalysts," 6/1998, pp. 1-13.
ny		Bunshah et al., "Deposition Technologies for Films and Coatings, Developments and Applications," Noyes Publications, (1982), New Jersey, Chapter 5, pp. 170-243; Chapter 6, pp. 244-287; Chapter 8, pp. 335-364; and Chapter 9, pp. 365-384.
ny		Yamada et al., "The Properties of a New Transparent and Colorless Barrier Film," (1995), 38 th Annual Technical Conference Proceedings, 1995 Society of Vacuum Coaters, pp. 28-29.
ny		Heil, "Mechanical Properties of PECVD Silicon-Oxide Based Barrier Films on PET," (1995), 38 th Annual Technical Conference Proceedings, 1995 Society of Vacuum Coaters, p. 33.
ny		Lohwasser et al., "Electron-Beam Oxide Coating on Plastic Films for Packaging, Development, Production and Application," (1995), 38 th Annual Technical Conference Proceedings, 1995 Society of Vacuum Coaters, pp. 40-41.
ny		Comer, "The Impact of Visual Anomalies on the Barrier Properties of Metallized Biaxially Oriented Polypropylene Film," (1995), 38 th Annual Technical Conference Proceedings, 1995 Society of Vacuum Coaters, pp. 59-60.
ny		Knoll et al., "Effects of Process Parameters on PECVD Silicon Oxide and Aluminum Oxide Barrier Films," (1995), 38 th Annual Technical Conference Proceedings, 1995 Society of Vacuum Coaters, pp. 425-426 and 430.
ny		Misiano et al., "Inexpensive Transparent Barrier Coatings on Plastic Substrates," (1996), 39 th Annual Technical Conference Proceedings, 1996 Society of Vacuum Coaters, pp. 413 and 399.
ny		Langowski, "Transparent Barrier Coatings for Flexible Packagings: Industrial and Research Activities in Germany," (1996), 39 th Annual Technical Conference Proceedings, 1996 Society of Vacuum Coaters, pp. 398 and 415.
EXAMINER msygalan		Date Considered 10/27/03

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(Also form PTO-1449)

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Bright, Clark I.

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		Doc. Number-(Kind Code if Known)			
<i>my</i>	A1	US- 6,040,017	03/21/2000	Mikhael et al.	
<i>my</i>	A2	US- 6,066,826	05/23/2000	Yializis, A.	
<i>my</i>	A3	US- 6,092,269	07/25/2000	Yializis et al.	
<i>my</i>	A4	US- 6,106,627	08/22/2000	Yializis A.	
<i>my</i>	A5	US- 6,118,218	09/12/2000	Yializis et al.	
<i>my</i>	A6	US- 6,146,462	11/14/2000	Yializis et al.	
<i>my</i>	A7	US- 6,198,220 B1	03/06/2001	Jones et al.	
<i>my</i>	A8	US- 6,214,422 B1	04/10/2001	Yializis, A.	
<i>my</i>	A9	US- 6,231,939 B1	05/15/2001	Shaw et al.	
<i>my</i>	A10	US-			
	A11	US-			

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<i>my</i>	C1	Affinito, J. D. et al., "Ultrahigh Rate, Wide Area, Plasma Polymerized Films From High Molecular Weight/Low Vapor Pressure Liquid or Solid Monomer Precursors", J. Vac. Sci. Technol. A 17 (4), Jul/Aug 1999, pp. 1974 - 1981.
<i>my</i>	C2	Affinito, J. D. et al., "Ultra High Rate, Wide Area, Plasma Polymerized Films from High Molecular Weight/Low Vapor Pressure Liquid or Solid Monomer Precursors", 45 th International Symposium of the American Vacuum Society, November 6, 1998, pp. 0 - 26.
<i>my</i>	C3	Affinito, J. D. et al., "Vacuum Deposited Conductive Polymer Films", The Eleventh International Conference on Vacuum Web Coating, November 9-11, 1997, pp. 0 - 12.
<i>my</i>	C4	Affinito, J. et al., "Vacuum Deposited Polymer/Metal Multilayer Films for Optical Application", Thin Solid Films 270 (1995) pp. 43 - 48.

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Bright, Clark I.

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<i>y</i>	C5	Affinito, J. D. et al., "Molecularly Doped Polymer Composite Films for Light Emitting Polymer Applications Fabricated by the PML Process", 41 st Annual Technical Conference Proceedings (1998), pp. 220 - 225.
<i>y</i>	C6	Chahroudi, D. et al., "Transparent Glass Barrier Coating for Flexible Film Packaging", Society of Vacuum Coaters 505/298-7624, 34 th Annual Technical Conference Proceedings (1991), pp. 130 - 133.
<i>y</i>	C7	Shi, M. K. et al., "In-Situ and Real-Time Monitoring of Plasma-Induced Etching of PET and Acrylic Films", <u>Plasmas and Polymers</u> , Vol. 4, No. 4, (1999), pp. 1 - 12.
<i>y</i>	C8	Shi, M. K. et al., "Plasma Treatment of PET and Acrylic Coating Surfaces: I. In-Situ XPS Measurements", <u>Journal of Adhesion Science and Technology</u> , Vol. 14, No. 12, (2000), pp. 1 - 28.
<i>y</i>	C9	Tropsha, Y. G. et al., "Activated Rate Theory Treatment of Oxygen and Water Transport Through Silicon Oxide/Poly(ethylene terephthalate) Composite Barrier Structures", <u>J. Phys. Chem. B</u> , Vol. 101, No. 13, (1997), pp. 2259 - 2266.
<i>y</i>	C10	Tropsha, Y. G. et al., "Combinatorial Barrier Effect of the Multilayer SiO _x Coatings on Polymer Substrates", Society of Vacuum Coaters, 40 th Annual Technical Conference Proceedings (1997), pp. 64 - 69.
	C11	
	C12	
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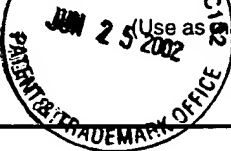
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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y	C1	Letters: Affinito, letter to Peter Erickson re: transmittal of literature, May 9, 1997, with an Affinito letter providing an overview of the content of the collection of literature concerning Battelle Pacific Northwest National Laboratory's PML and LML technology for the vacuum deposition of polymer films, May 5, 1997, 4 pages.
y	C2	Publication: Affinito, "Addendum to Attached White Paper on Polymer Multilayer Thin Film Deposition Technology," March 9, 1993, pp. 1-5.
y	C3	Publication: Affinito, "Application of PNL ^S PML Technology to Electrolyte and Advanced Battery Fabrication," Battelle Pacific Northwest Laboratories, April 25, 1994, pp. 1-4.
y	C4	Paper: Affinito, "Extremely High Rate Deposition of Polymer Multilayer Optical Thin Film Materials," Battelle Pacific Northwest Laboratory, January 4, 1991, 48 pages.
no date	C5	Paper: Affinito, "Battelle Coating Capabilities and Experience," Battelle, Pacific Northwest Laboratories, date unknown, 18 pages.
no date	C6	Proposal: Affinito, "Li-Polymer Batteries Fabricated with New Materials and New Processing Technology," with Greater than 1200 WHr/l Capacity," Proposal Response to BAA 94-1, Battelle, Pacific Northwest Laboratory, date unknown, pp. 1-21.
no date	C7	Proposal: Affinito et al., "Low Cost Wide Area Light Emitting Polymer Device Fabrication with PML and LML Process Technology," Pacific Northwest National Laboratory, date unknown, pp. 1-19.
no date	C8	Proposal: Affinito et al., "A New Technique for Fabrication of Nonlinear Optical Polymer Thin Films and a Cost Effective Fabrication Method for Nonlinear Optical Waveguides," FY97 Laboratory Directed Research and Development Proposal, date unknown, pp. 1-4.
no date	C9	Proposal: Affinito et al., "Electrochromic Oxides for Wide Area Switchable Camouflage, Windows, and Mirrors," FY97 IR&D Investment Proposal, Material Sciences Department/EMSL, date unknown, pp. 1-6.

*Examiner: *Maryah*Date Considered: *10/27/03*

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	C10	Paper: Affinito et al., "Vacuum Deposited Polymer/Metal Films for Optical Applications," Paper No. C1.13, Battelle Pacific Northwest Laboratory, date unknown, pp. 1-14.
	C11	Paper: Affinito et al., "Vacuum Deposition of Polymer Electrolytes on Flexible Substrates," The Ninth International Conference on Vacuum Web Coating, Battelle Pacific Northwest Laboratory, date unknown, pp. 0-16.
	C12	Paper: Affinito et al., "Polymer/Polymer, Polymer/Oxide, and Polymer/Metal Vacuum Deposited Interference Filters," Tenth International Vacuum Web Coating Conference, Battelle Pacific Northwest Laboratory, date unknown, pp. 0-14.
	C13	Paper: Affinito et al., "PML/Oxide/PML Barrier Layer Performance Differences Arising from Use of UV or Electron Beam Polymerization of the PML Layers," ICMCTF97 Conference, Paper No. C1.11, Battelle Pacific Northwest Laboratory, date unknown, pp. 0-18.
	C14	Paper: Affinito, "Using Lateral Force Microscopy as a Means to Obtain Information about Pinhole Formation in Al ₂ O ₃ Barrier Layers Deposited on PET," date unknown, 4 pages.
	C15	Paper: Affinito et al., "Polymer-Oxide Transparent Barrier Layers," SVC 39 th Annual Technical Conference, Paper No. W-12, date unknown, pp. 1-6.
	C16	Paper: "Phase Imaging: Beyond Topography," Application Notes, date unknown, 2 pages.
	C17	Paper: Afinito et al., "Comparison of Surface Treatments of PET and PML," SVC 40 th Annual Technical Conference, Paper No. W-05, Pacific Northwest National Laboratory, date unknown, pp. 1-6.
	C18	
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	C22	
	C23	

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*Examiner: *M. J. Johnson*Date Considered: *10/27/03*

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y	A1	US- 5,013,416	05-07-1991	Murayama et al.	
g	A2	US- 6,316,343 B1	11-13-2001	Wada et al.	
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
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		Doc. Number-(Kind Code if Known)			
ny	A1	US- 3,475,307	10/28/1969	Knox et al.	
ny	A2	US- 3,607,365	09/21/1971	Lindlof	
ny	A3	US- 4,098,965	07/04/1978	Kinsman	
ny	A4	US- 4,283,482	08/11/1981	Hattori et al.	
ny	A5	US- 4,581,337	04/08/1986	Frey et al.	
ny	A6	US- 4,624,867	11/25/1986	Iijima et al.	
ny	A7	US- 4,695,618	09/22/1987	Mowrer	
ny	A8	US- 4,842,893	06/27/1989	Yializis et al.	
ny	A9	US- 4,954,371	09/04/1990	Yializis	
ny	A10	US- 5,032,461	07/16/1991	Shaw et al.	
ny	A11	US- 5,237,439	08/17/1993	Misono et al.	
ny	A12	US- 5,260,095	11/09/1993	Affinito <i>Duplicate</i>	
ny	A13	US- 5,354,497	10/11/1994	Fukuchi et al.	
ny	A14	US- 5,427,638	06/27/1995	Goetz et al.	
ny	A15	US- 5,536,323	07/16/1996	Kirlin et al.	
ny	A16	US- 5,554,220	09/10/1996	Forrest et al.	
ny	A17	US- 5,576,101	11/19/1996	Saitoh et al.	
ny	A18	US- 5,607,789	3/4/1997	Treger et al.	
ny	A19	US- 5,620,524	04/15/1997	Fan et al.	
ny	A20	US- 5,629,389	05/13/1997	Roitman et al.	
ny	A21	US- 5,654,084	08/05/1997	Egert	
ny	A22	US- 5,681,615	10/28/1997	Affinito et al.	
ny	A23	US- 5,681,666	10/28/1997	Treger et al.	
ny	A24	US- 5,684,084	11/04/1997	Lewin et al.	
ny	A25	US- 5,686,360	11/11/1997	Harvey, III et al.	
ny	A26	US- 5,693,956	12/02/1997	Shi et al.	
ny	A27	US- 5,711,816	01/27/1998	Kirlin et al.	
ny	A28	US- 5,725,909	03/10/1998	Shaw et al.	

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ny	A29	US- 5,731,661	03/24/1998	So et al.	
ny	A30	US- 5,747,182	05/05/1998	Friend et al.	
ny	A31	US- 5,759,329	06/02/1998	Krause et al.	
ny	A32	US- 5,792,550	08/11/1998	Phillips et al.	
ny	A33	US- 5,811,177	09/22/1998	Shi et al.	
ny	A34	US- 5,811,183	09/22/1998	Shaw et al.	
ny	A35	US- 5,821,692	10/13/1998	Rogers et al.	
ny	A36	US- 5,844,363	12/01/1998	Gu et al.	
ny	A37	US- 5,872,355	02/16/1999	Hueschen	
ny	A38	US- 5,891,554	04/06/1999	Hosokawa et al.	
ny	A39	US- 5,902,688	05/11/1999	Antoniadis et al.	
ny	A40	US- 5,904,958	05/18/1999	Dick et al.	
ny	A41	US- 5,912,069	06/15/1999	Yializis et al.	
ny	A42	US- 5,922,161	07/13/1999	Wu et al.	
ny	A43	US- 5,945,174	08/31/1999	Shaw et al.	
ny	A44	US- 5,948,552	09/07/1999	Antoniadis et al.	
ny	A45	US- 5,965,907	10/12/1999	Huang et al.	
ny	A46	US- 5,996,498	12/07/1999	Lewis	
ny	A47	US- 6,045,864	04/04/2000	Lyons et al.	
ny	A48	US- 6,083,628	07/04/2000	Yializis	
ny	A49	US- 6,268,695 B1	7/31/2001	Affinito	

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
ny	B1	EP	EP 0 299 753 B1	02/10/93			
ny	B2	EP	EP 0 340 935 A2	11/08/1989			
ny	B3	EP	EP 0 390 540 B1	10/3/1990			
ny	B4	EP	EP 0 547 550 B1	6/23/1993			

*Examiner: *monfakur*Date Considered: *10/27/03*

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor

Bright, Clark I.

Art Unit

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Examiner Name

Attorney Case Number

56760US008

(Use as many sheets as necessary)

Page 3 of 4

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
my	B5	EP	EP 0 590 467 B1	4/6/1994			
my	B6	EP	EP 0 722 787 A2	7/24/1996			
my	B7	EP	EP 0 722 787 A3	7/24/1996			
my	B8	EP	EP 0 787 826 A1	8/6/1997			
my	B9	EP	EP 0 916 394 A2	5/19/1999			
my	B10	EP	EP 0 916 394 A3	5/19/1999			
my	B11	EP	EP 0 931 850 A1	7/28/1999			
my	B12	JP	JP9059763A	3/4/1997			English abstract
my	B13	WO	WO 87/07848	12/30/1987			
my	B14	WO	WO 95/10117	04/13/1995			
my	B15	WO	WO 97/04885	02/13/1997			
my	B16	WO	WO 97/22631	06/26/1997			
my	B17	WO	WO 98/10116	03/12/1998			
my	B18	WO	WO 98/18852	05/07/1998			
my	B19	WO	WO 99/16557	04/08/1999			
my	B20	WO	WO 99/16931	04/08/1999			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
my	C1	Gustafsson et al., "Flexible Light-Emitting Diodes Made From Soluble Conducting Polymers," <u>Nature</u> , Vol. 357, June 11, 1992, pp. 477-479.
my	C2	Affinito et al., "PML/Oxide/PML Barrier Layer Performance Differences Arising From Use of UV or Electron Beam Polymerization of the PML Layers," <u>Thin Solid Films</u> , 308-309, (1997), pp. 19-25.
my	C3	Inoue et al., "Fabrication of a Thin Film of MNA by Vapour Deposition," <u>Proc.Jpn. Congr. Mater. Res.</u> , Vol. 33, (1990), pp. 177-179.
my	C4	Penning, <u>Electrical Discharges in Gases</u> , Gordon and Breach, Science Publishers, (1965), Chapters 5-6, pp. 19-35; and Chapter 8, pp. 41-50.
my	C5	Affinito et al., "High Rate Vacuum Deposition of Polymer Electrolytes," <u>J. Vac. Sci. Technol.</u> , A 14(3), May/June, 1996, pp. 733-738.

*Examiner:

myan galls

Date Considered:

10/27/03

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
ny	C6	Affinito et al., "Vacuum Deposition of Polymer Electrolytes on Flexible Substrates," Proceedings of the Ninth International Conference on Vacuum Web Coating, Nov. 1995, ed. R. Bakish, Bakish Press 1995, pp. 20-36.
ny	C7	Affinito et al., "Comparison of Surface Treatments of PET and PML," SVC 40 th Annual Technical Conference - Paper Number: W-05, Proceedings of the Society of Vacuum Coaters, Vacuum Web Coating Session, (1997), 4 pages.
ny	C8	Vossen et al., "Glow Discharge Sputter Deposition," <u>Thin Film Processes</u> , Academic Press, Chapter II-1, (1978), pp. 12-63.
ny	C9	Hollahan et al., "Plasma Deposition of Inorganic Thin Films," <u>Thin Film Processes</u> , Academic Press, Chapter IV-1, (1978), pp. 335-360.
ny	C10	Yasuda, "Glow Discharge Polymerization," <u>Thin Film Processes</u> , Academic Press, Chapter IV-2, (1978), pp. 361-397.

*Examiner:



Date Considered:

10/27/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.